

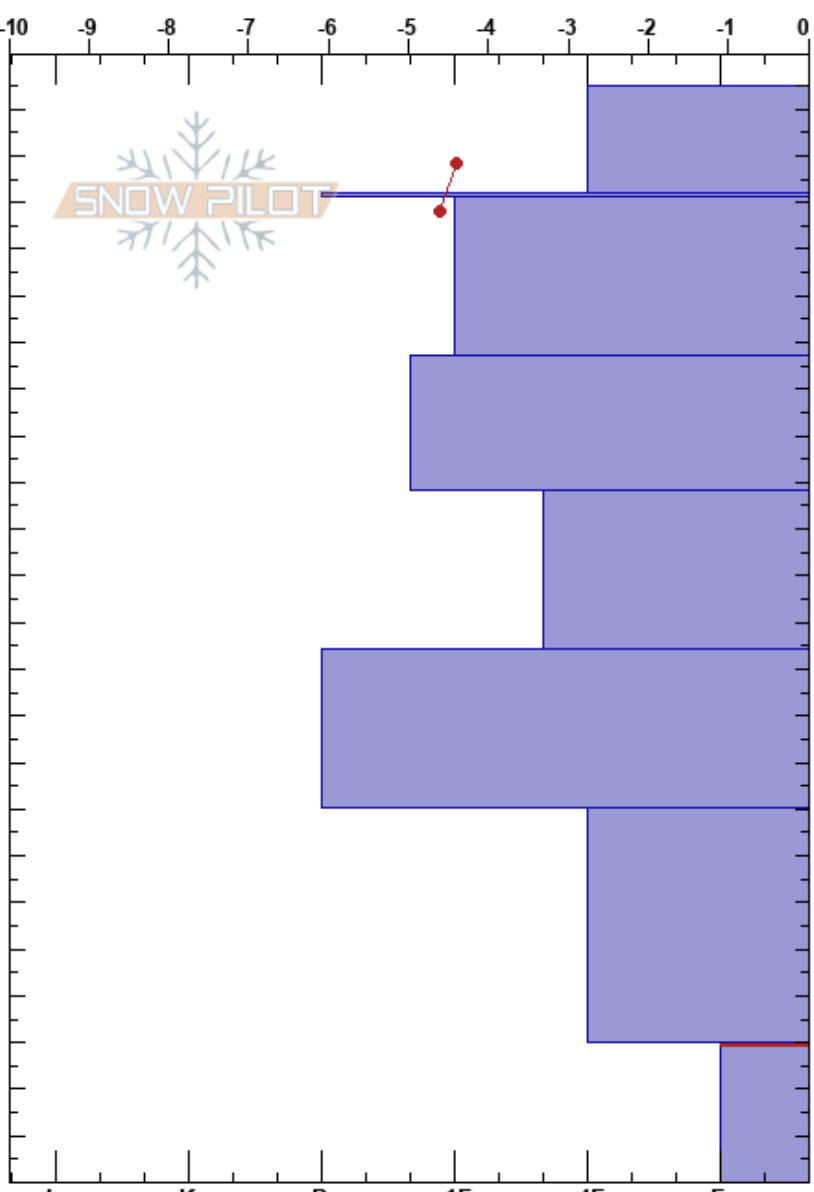
Upper SS Laheys  
 Selkirks  
 BC  
 Elevation: 2300 m  
 Aspect: S

Andy Corkill  
 19/03/2023 - 11:00  
 Co-ord: 50.96208S, -118.09620W  
 Slope Angle: 30°  
 Wind Loading:

Stability:  
 Air Temperature: -2.1°C  
 Sky Cover: FEW  
 Precipitation: NO  
 Wind: Calm

HS:235  
 PF: 15  
 PS: 5  
 Layer Notes:  
 80-30cm: Depth varied over pit wall  
 30-0cm: Striated crystals present  
 30-0cm: Problematic layer

Specifics: Pit dug in a Ski Area; Ski tracks on slope; We skied slope



| Elevation (cm) | Crystal |       | Moisture | ρ kg/m³ | Stability tests & Layer comments    |
|----------------|---------|-------|----------|---------|-------------------------------------|
|                | Form    | Size  |          |         |                                     |
| 235            | -       |       |          |         |                                     |
| 230            | /       |       |          |         |                                     |
| 220            | -       |       |          |         |                                     |
| 210            | -       |       |          |         |                                     |
| 200            | .       | 0.5-1 |          |         |                                     |
| 190            | .       | 0.5-1 |          |         |                                     |
| 180            | .       | 1-1.5 |          |         |                                     |
| 170            | .       | 1-1.5 |          |         |                                     |
| 160            | .       | 1-1.5 |          |         |                                     |
| 150            | .       | 1-1.5 |          |         |                                     |
| 140            | ⊖       | 1-2   |          |         |                                     |
| 130            | ⊖       | 1-2   |          |         |                                     |
| 120            | ⊖       | 1-2   |          |         |                                     |
| 110            | ●       | 2-3   |          |         |                                     |
| 100            | ●       | 2-3   |          |         |                                     |
| 90             | ●       | 2-3   |          |         |                                     |
| 80             | □       | 2-4   | D-M      |         | 80-30cm: Depth varied over pit wall |
| 70             | □       | 2-4   | D-M      |         | ← DT21, BRK @40cm                   |
| 60             | □       | 2-4   | D-M      |         |                                     |
| 50             | □       | 2-4   | D-M      |         |                                     |
| 40             | □       | 2-4   | D-M      |         |                                     |
| 30             | □       | 2-4   | D-M      |         | ← DT27, BRK @25cm                   |
| 20             | □ (∧)   | 3-5   | M        |         | 30-0cm: Striated crystals present   |
| 10             | □ (∧)   | 3-5   | M        |         |                                     |
| 0              | □ (∧)   | 3-5   | M        |         |                                     |

Notes: -Pit dug in skier compacted solar slope to monitor FC at ground.  
 -layering will be variable due to skier compaction.  
 -IFsc at 212cm down having little effect on temp gradient.